



CAIS and CostWorks Status

October 23, 2012

Ruth Ann Smith

Support Team

Ruth Ann Smith: Project Manager, System Testing

Ken Rowe: Development, Support

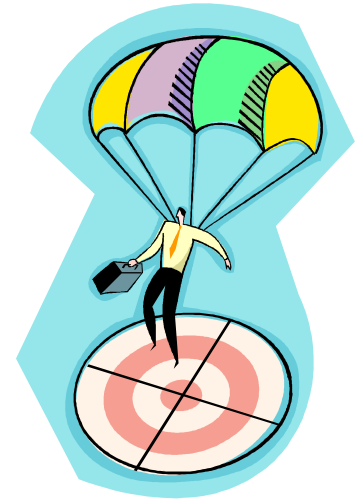
**20440 Century Blvd. Suite 150
Germantown, MD 20874**

**Contract Change
Team Chenega
EES
Chenega**



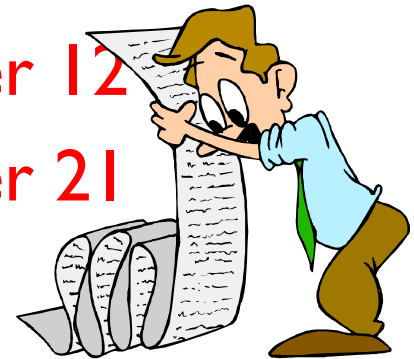
Support Team Accomplishments

- **Releases**
- **CAIS User Guide**
- **Training**
- **Performance**
- **Condition Assessment Website Revisions**
- **Communication**
- **Annual Costing**
- **CostWorks Distribution**



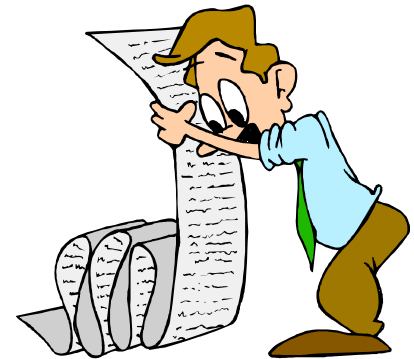
Releases

- Release 2.11 released November 15
- Release 2.12 released March 8
- Release 2.13 released March 22
- Release 2.14 released May 18
- Release 2.15 released May 25
- Release 2.16 released July 07
- Release 2.17 released September 12
- Release 2.18 released September 21



Open Enhancements

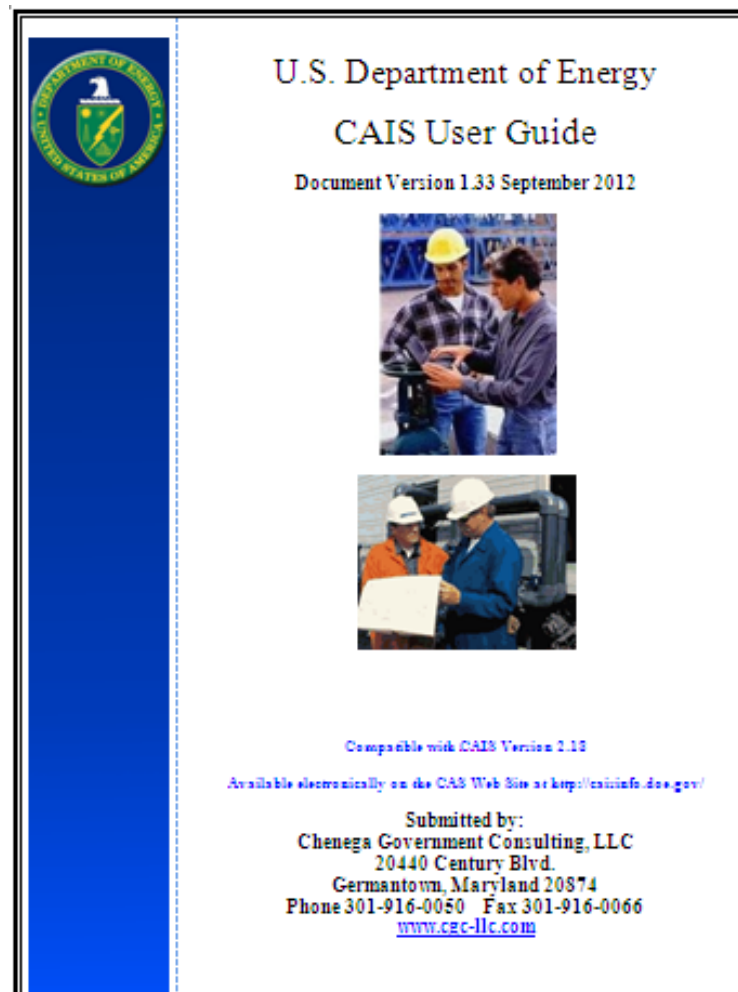
- Are available to you on the
 - Condition Assessment Public Website
 - Will be updated with each release



User Guide -

Download from the following link:

<http://caisinfo.doe.gov/documents/CAISWebUserGuide.pdf>





User Guide -

- **Summary of Changes**
- **Overview (Getting Started – Passwords – User Roles)**
- **Inspection**
 - The Four Basic Steps of Data Collection
 - Retrieving IUs
 - Favorites, IU Split, Move/Copy, Multi Copy, Type Search, IU Archive
- **Costing**
 - Re-costing History, Cost Adders
- **Reports**
 - Site, Asset, and IU Levels as well as the Summary Condition
- **Projects**
- **Interfaces**
 - Import from CostWorks, Upload to FIMS, FIMS Auto Update to CAIS
- **Maintenance**
 - Tables – Site, Area, Asset, Table (access, asset group, cost adders...users)
 - Asset Archive
- **Special Features**
 - Yearly Costing Update, FY Baseline, System Level Deferred Maintenance
- **Ad Hoc Reporting**

Condition Assessment/CAIS Training



April 24-25, 2012
Class of 9 from LLNL, OST

Paul Reynolds provided
guidance on performing
condition assessments

Performance

Continue to monitor health and performance of the database to ensure everything is functioning properly.



Condition Assessment Public Webpage Revision

<http://caisinfo.doe.gov/>

Home



Home

CAIS

HQ Guidance

Condition Assessment/
CAIS Management

Condition Assessment/
CAIS Community

Documentation

RS Means Models

CostWorks

CAIS Training

Inspection Links

Popular Links

CAIS Production

CAIS Test Area

Facility Managers throughout industry and the government are seeking ways to preserve their capital assets, restore their infrastructure and continue to operate effectively and efficiently with their current facilities, and needing to accomplish this with decreasing budgets. They must determine first what assets they have and what current condition they are in. The Condition Assessment Survey (CAS) is a program that accomplishes this.

The Department of Energy's (DOE) CAS program is based on the Uniformat II system developed by the Construction Specifications Institute (CSI) assemblies that R.S. Means employs in its square foot cost analysis. In compliance with DOE Order 430.1B real Property Asset Management order the DOE CAS program involves visual and non-invasive inspections of building and infrastructure systems and components.

The DOE CAS program is a systemized, standard approach to facility and asset evaluations. It includes the following:

- A physical assessment of assets based on industry standards.
- A web based database that estimates repair/replacement costs based on a national cost estimating system (RS Means).
- Producing deferred maintenance costs based on using reliable, consistent field data to develop supportable funding requests.
- Asset component systems developed by the Construction Specification Institute (CSI).

With CAS, a facilities manager can use planning tools such as deficiency-based repair reports, a method to estimate replacement costs, design tables to project remaining life, and plan for future use. CAS allows the manager to have solid, verifiable analytical information on the specific deficiencies of a system or component, the extent and coverage of the deficiencies, and the urgency to repair these deficiencies. This data can be used to allocate capital repair and replacement funds to the most needed and important facility deficiencies. The Department of Energy's (DOE) CAS program is based on the Uniformat II system developed by the Construction Specifications Institute (CSI) assemblies that R.S. Means employs in its square foot cost analysis. With this linkage the DOE CAS program has a broadly based industry-wide standard.

The Work Breakdown Structure comprises the following systems:

A10-Foundations	D40-Mechanical-Fire Protection
A20-Basement Construction	D50-Electrical Systems
B10-Superstructure	E10-Equipment





Questions?